

High-Q™ dTTP (100 mM)

Ordering info

TBR0206, High-Q™ dTTP, 100 mM, 0.4 mL

TBR0207, High-Q™ dTTP, 100 mM, 0.2 mL

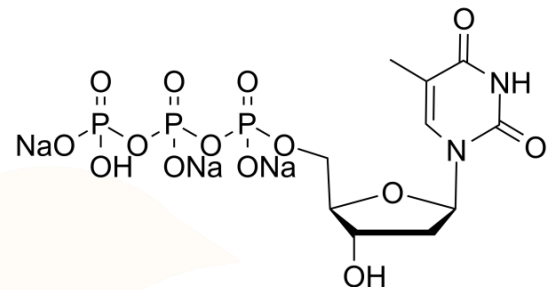
Description

High-Q™ dTTP is highest purity dTTP supplied as aqueous solution at pH 8.5.

CAS: 18423-43-3.

Formula: $C_{10}H_{17}N_2O_{14}P_3$ (free acid)

MW: 482.17 g/mol (free acid)



Features

- Highest purity (>99%).
- λ_{max} 267 nm.
- ϵ 9.5 L mmol⁻¹ cm⁻¹.

Storage

Store at -20°C.

Applications

- PCR/ RT-PCR with Taq polymerases.
- PCR/ RT-PCR with proofreading enzymes.
- Long fragment amplification.
- Real Time PCR and RT-qPCR.

Quality Control

- Purity is tested by HPLC.
- Free of DNase, RNase and protease activity.

Also available:

High-Q™ dATP 100 mM (TBR0200, TBR0201)

High-Q™ dCTP 100 mM (TBR0202, TBR0203)

High-Q™ dGTP 100 mM (TBR0204, TBR0205)

High-Q™ dNTP MIX 10 mM (TBR0208, TBR0209)

High-Q™ dTTP (100 mM)

Referencias

TBR0206, High-Q™ dTTP, 100 mM, 0,4 mL

TBR0207, High-Q™ dTTP, 100 mM, 0,2 mL

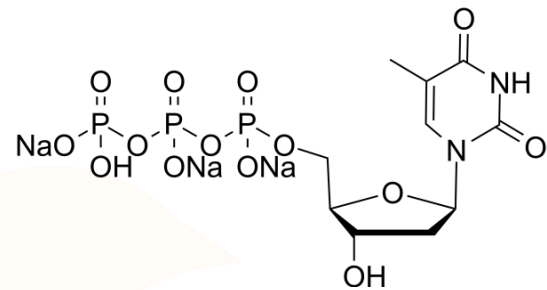
Descripción

High-Q™ dTTP es una solución acuosa a pH 8,5 de dTTP de la más alta pureza.

CAS: 18423-43-3

Fórmula: C₁₀H₁₇N₂O₁₄P₃ (ácido libre)

MW: 482,17 g/mol (ácido libre)



Características

- Máxima pureza (>99%).
- λ_{\max} 267 nm.
- ϵ 9,5 L mmol⁻¹ cm⁻¹.

Almacenaje

Conservar a -20°C.

Aplicaciones

- PCR/ RT-PCR con Taq polimerasas.
- PCR/ RT-PCR con enzimas de alta fidelidad.
- Amplificación de largos fragmentos.
- PCR en tiempo real y RT-qPCR.

Control de Calidad

- Pureza testada por HPLC.
- Libre de actividad de DNasas, RNasas y proteasas.

También disponemos de:

High-Q™ dATP 100 mM (TBR0200, TBR0201)

High-Q™ dCTP 100 mM (TBR0202, TBR0203)

High-Q™ dGTP 100 mM (TBR0204, TBR0205)

High-Q™ dNTP MIX 10 mM (TBR0208, TBR0209)